

Fig. 1A

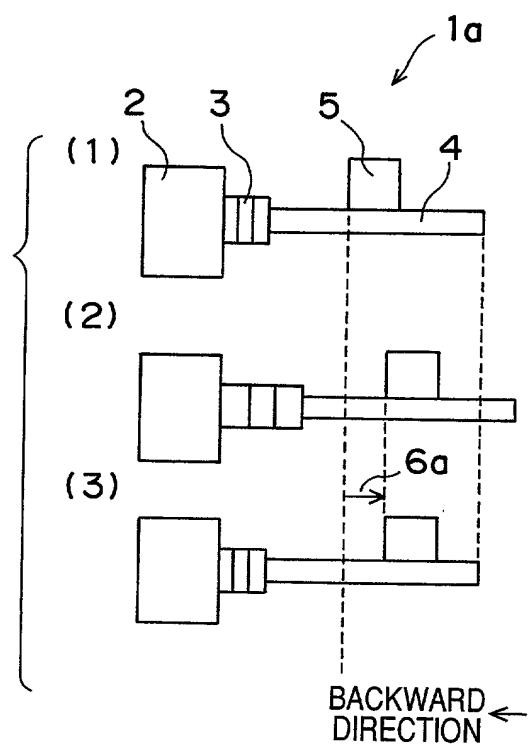


Fig. 1B

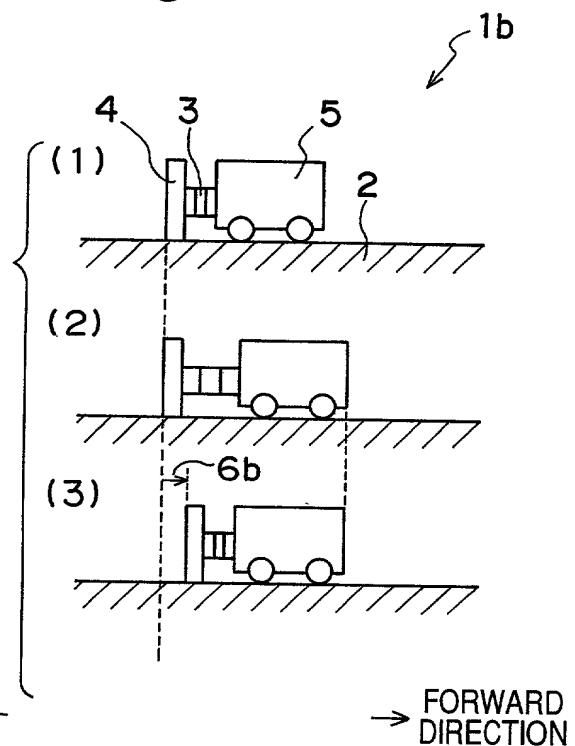


Fig. 1C

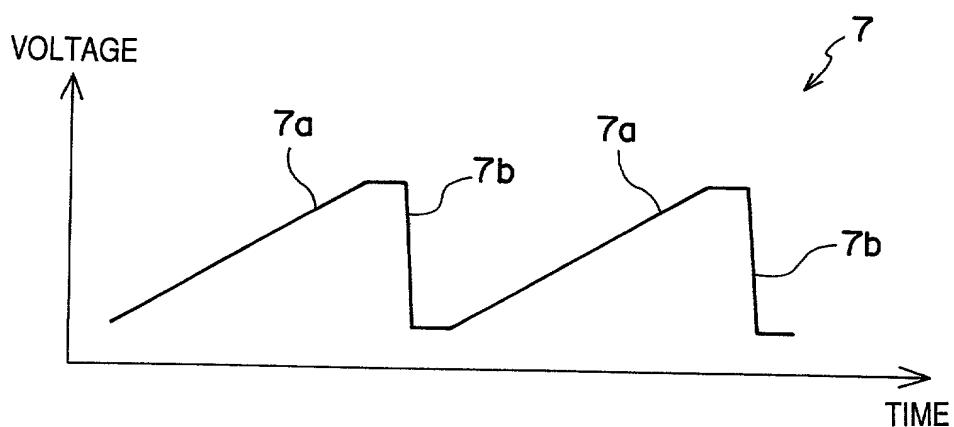


Fig.2A

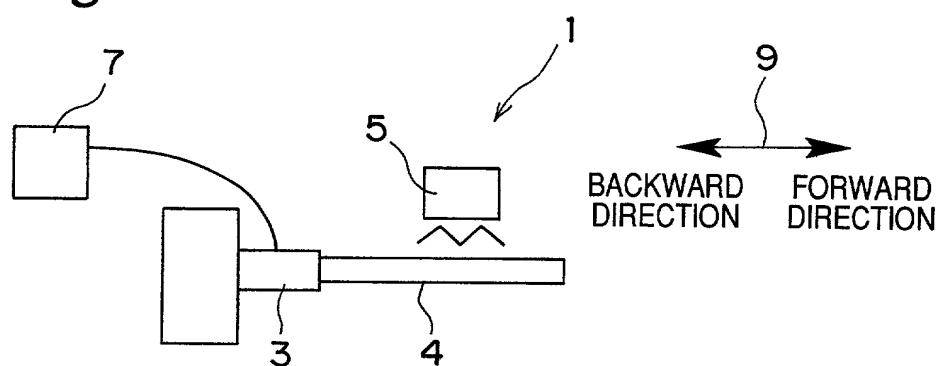


Fig.2B

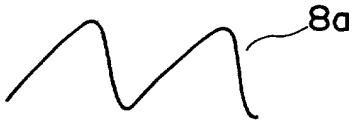
MOTION OF DRIVE ROD	ADVANTAGEOUS EFFECT
	MOVING BODY MOVES FORWARD
	MOVING BODY MOVES BACKWARD
	FRICITION REDUCES

Fig.3A

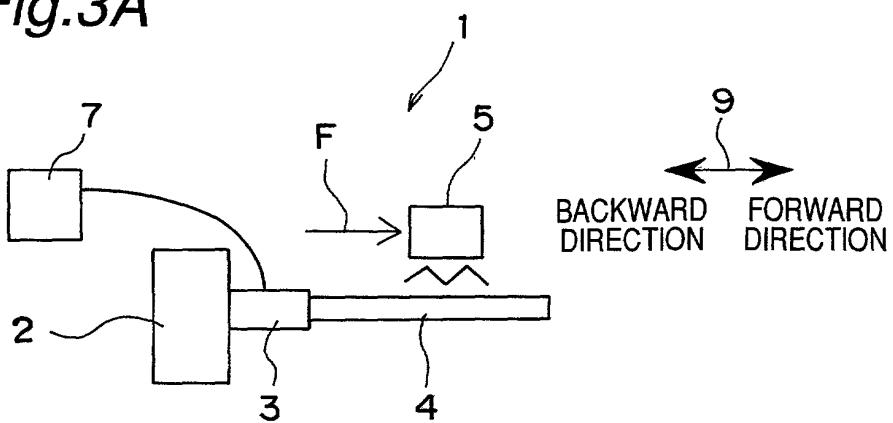


Fig.3B

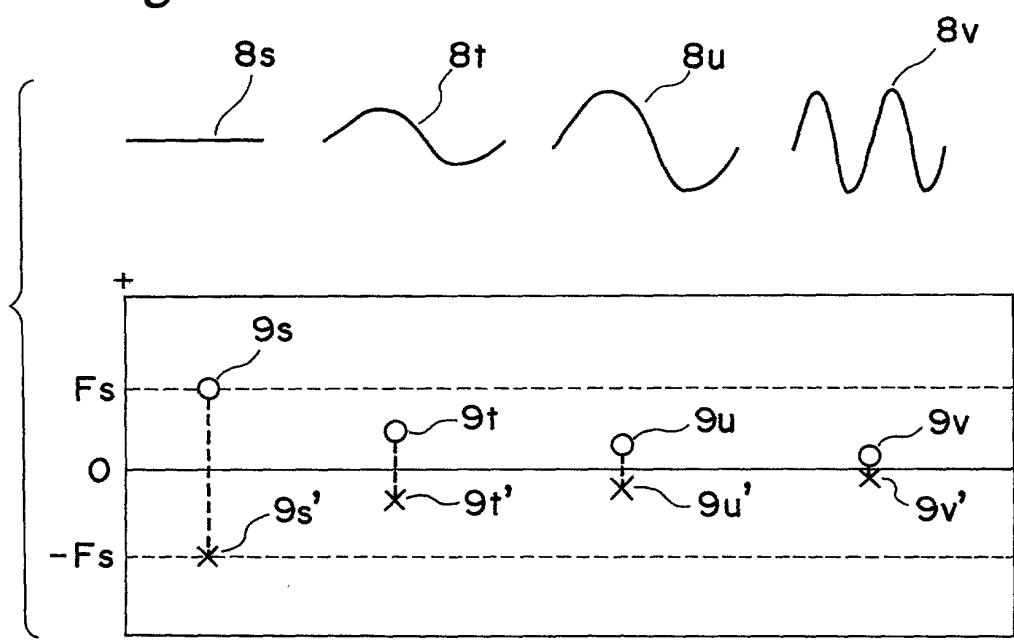


Fig.4A

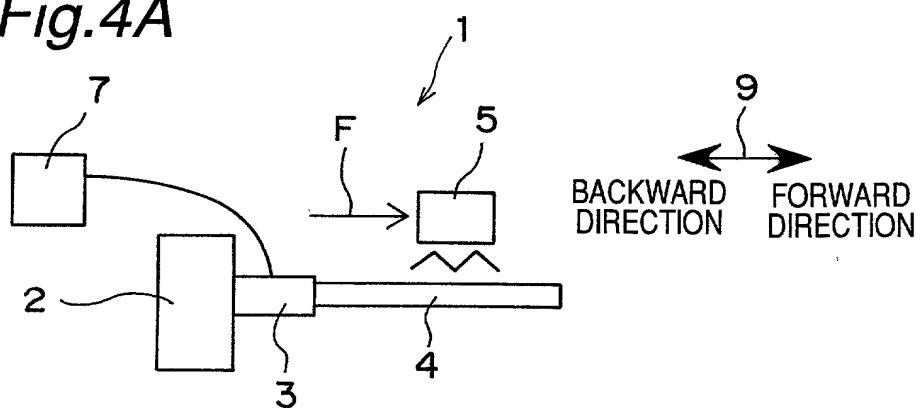


Fig.4B

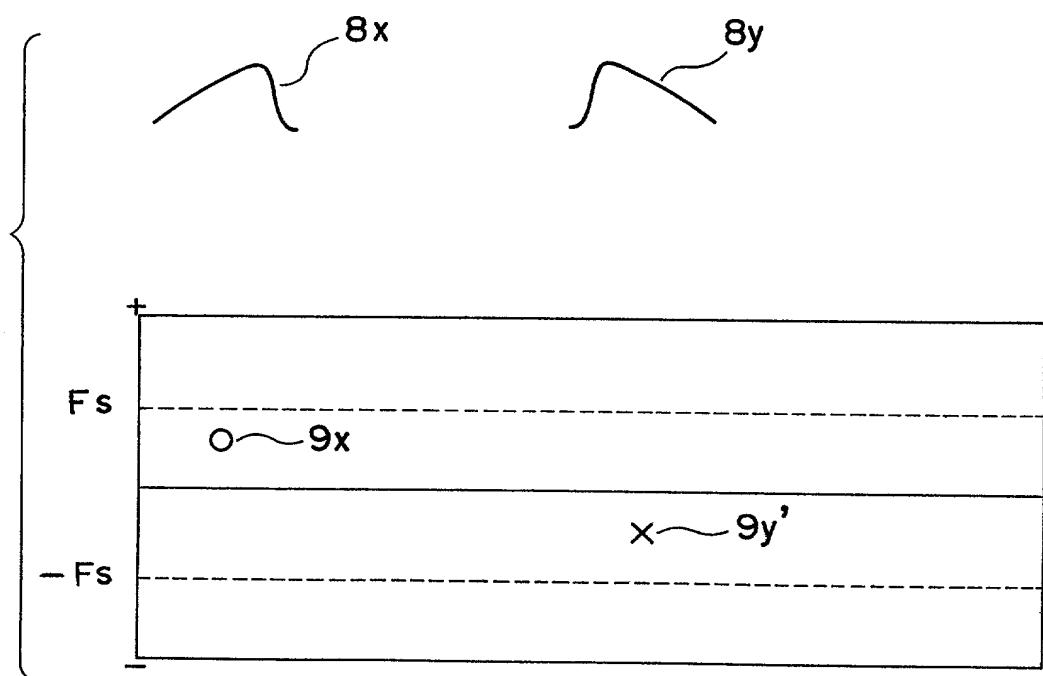


Fig.5

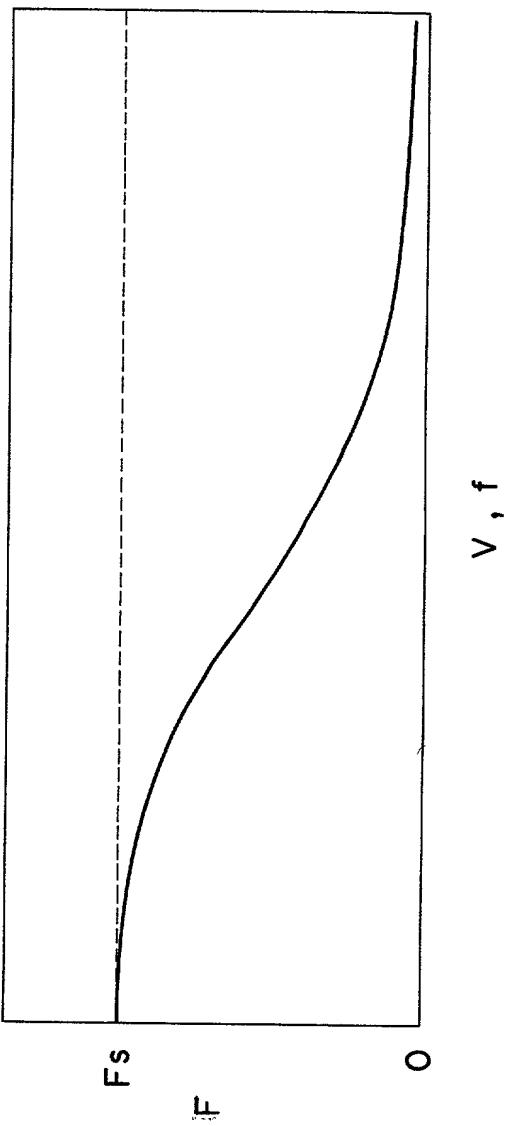


Fig. 6

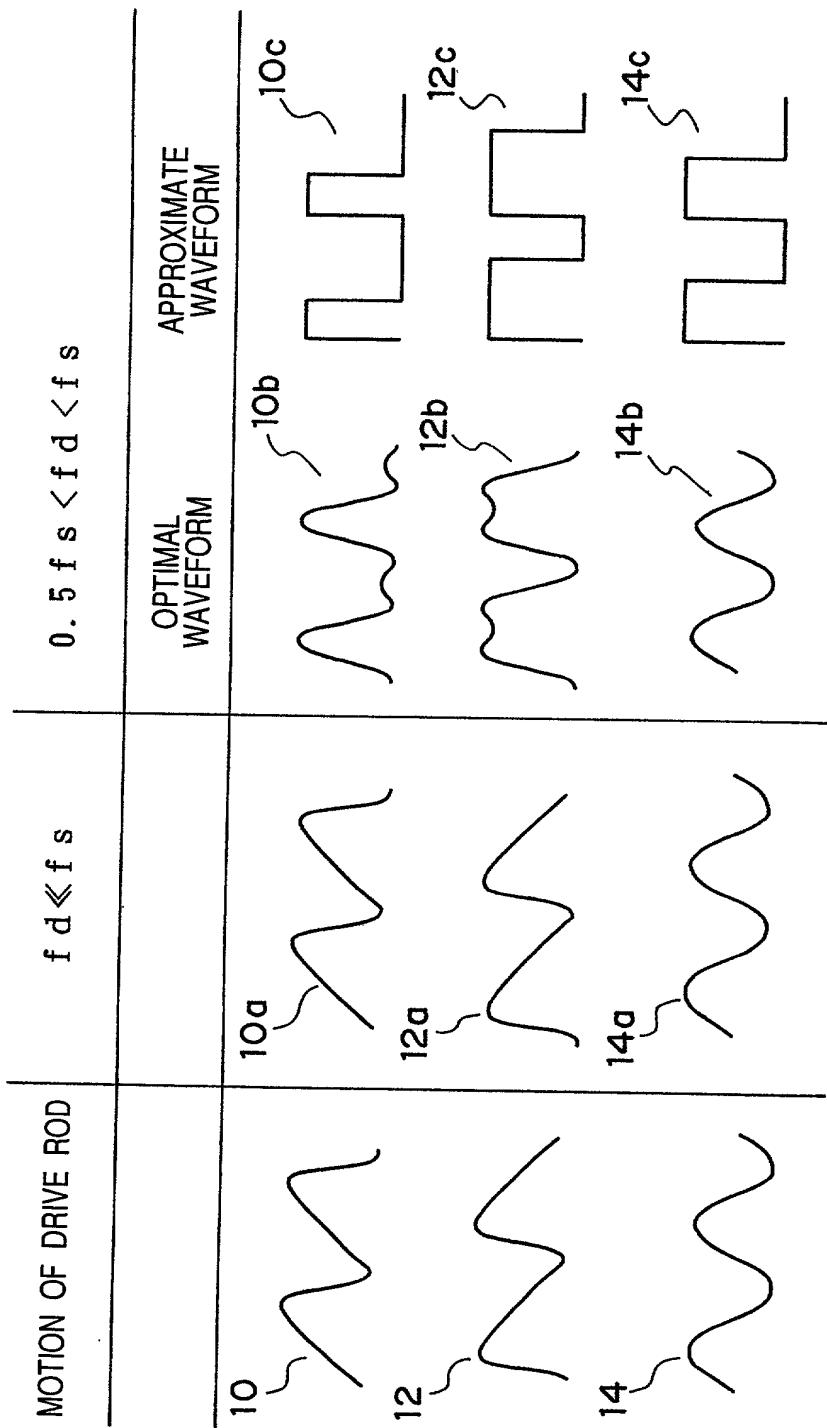


Fig. 7A

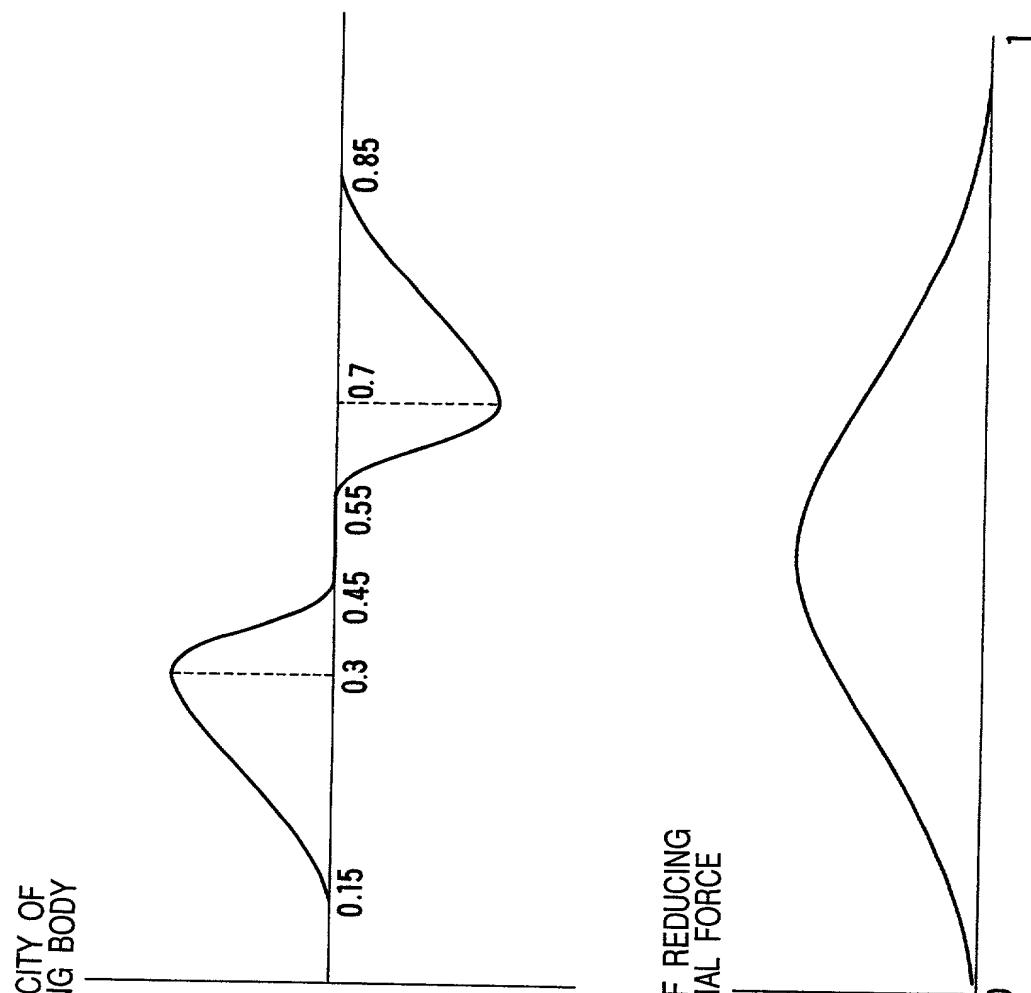
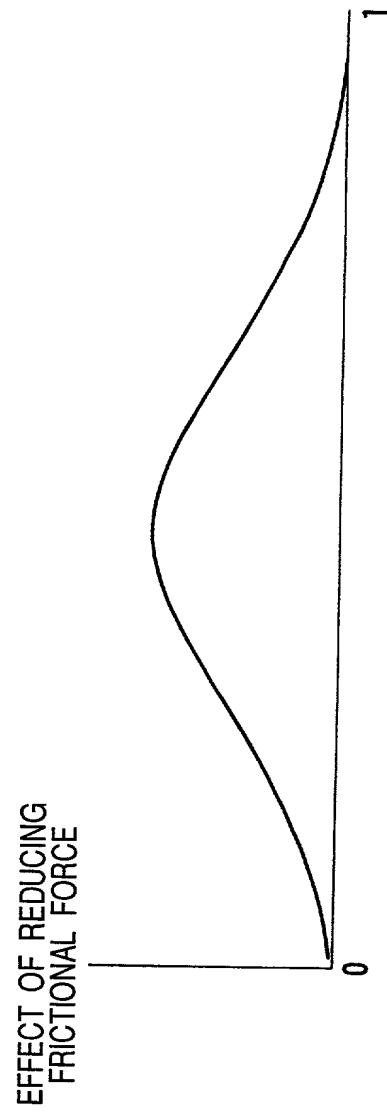


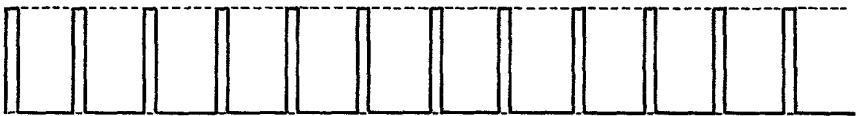
Fig. 7B



*Fig.8A*

$d = 0$  

*Fig.8B*

$d = 0.1$  

*Fig.8C*

$d = 0.3$  

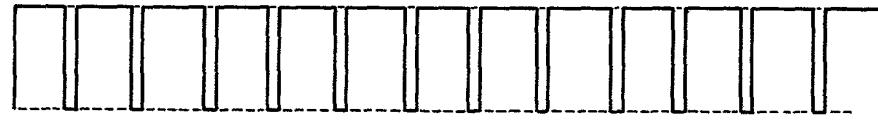
*Fig.8D*

$d = 0.5$  

*Fig.8E*

$d = 0.7$  

*Fig.8F*

$d = 0.9$  

*Fig.8G*

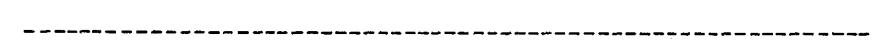
$d = 1$  

Fig. 9A

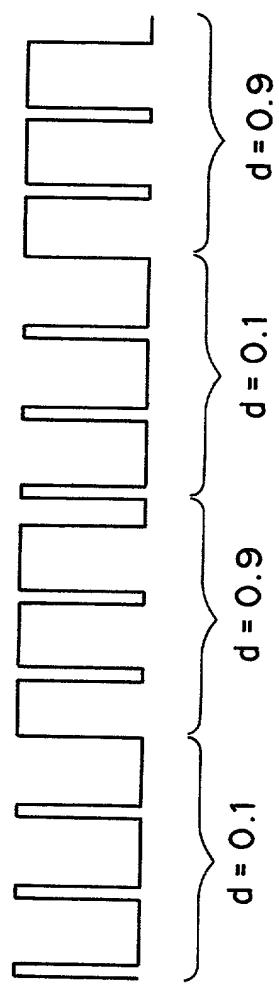
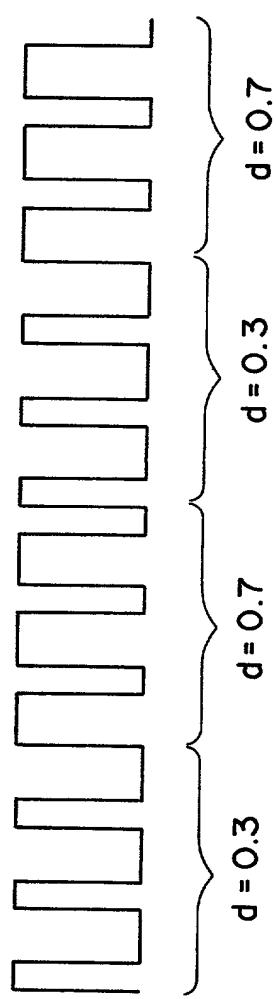
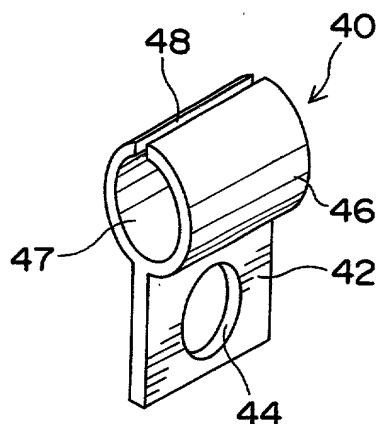


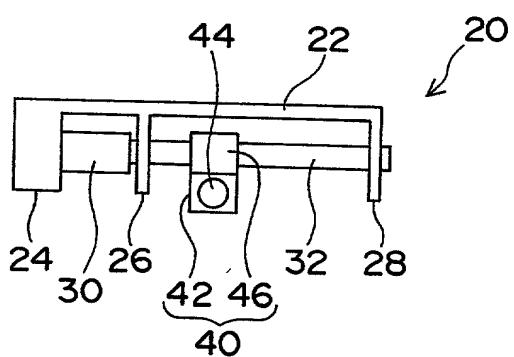
Fig. 9B



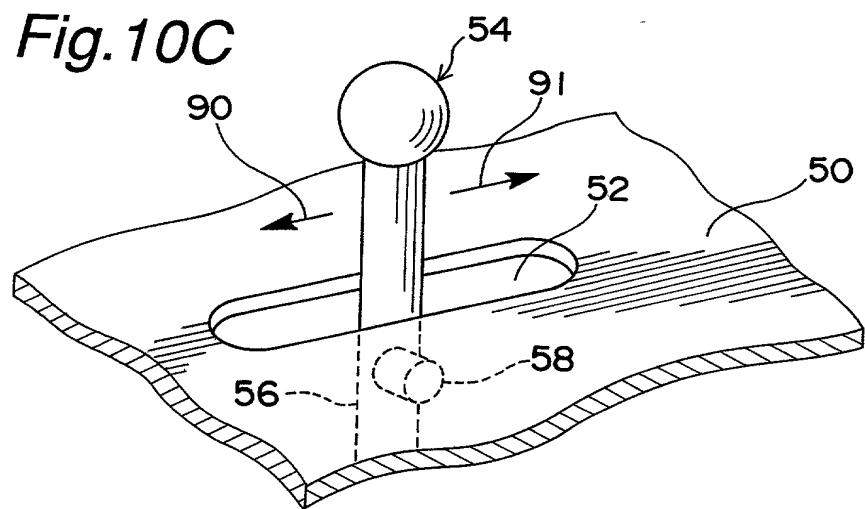
*Fig. 10A*



*Fig. 10B*



*Fig. 10C*



*Fig. 10D*

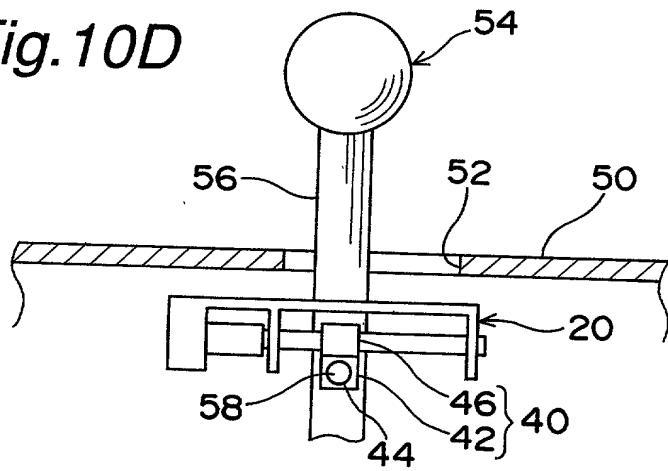


Fig. 11A

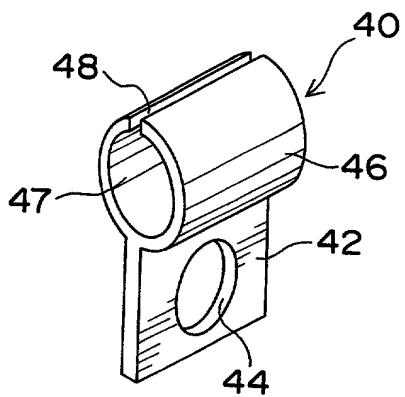


Fig. 11B

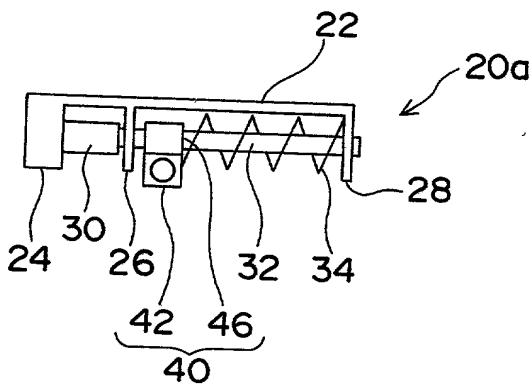


Fig. 11C

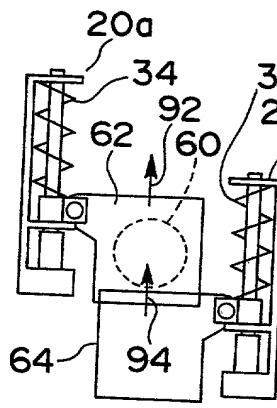


Fig. 11D

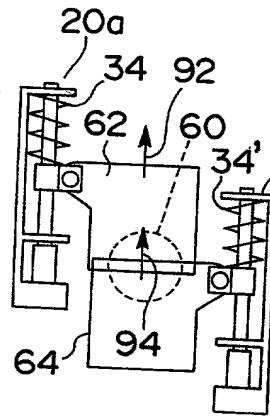


Fig. 11E

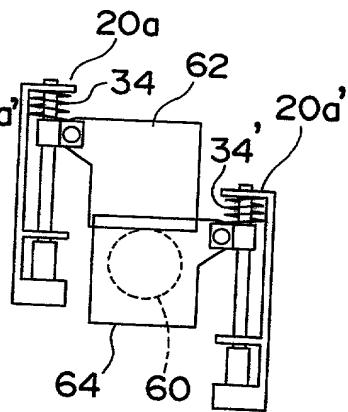


Fig. 11F

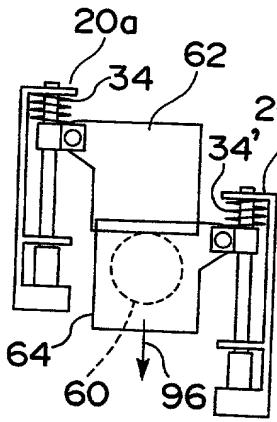


Fig. 11G

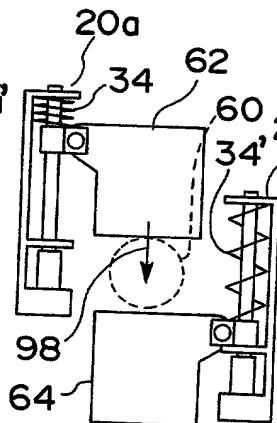


Fig. 11H

